

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A management system for parsing and receiving XML based schedules being established between a computer system of a product manufacturer and that of at least one original equipment manufacturer through the Internet so that the product manufacturer is capable of regularly receiving the XML based schedules from each original equipment manufacturer through the Internet, ~~the system further comprising the computer system of the product manufacturer including:~~

a central processing unit connected to a database of EDI based schedules and arranged to receive reading the received XML based schedules from each original equipment manufacturer; prior to

an XML parser interface for parsing the received XML based schedules; and

an EDI conversion interface for converting the received XML based schedules into EDI based schedules; and

integrating wherein the central processing unit is further arranged to integrate the EDI based schedules converted from XML based schedules with the EDI based schedules stored in a the database of the system.

2. (Currently Amended) The system of claim 1, wherein the ~~system further comprises an XML parser interface for parsing XML based documents, analyzing analyze~~ a correctness of each element of the received XML based schedule based on an XML syntax and a nested structure rule, and ~~parsing parse~~ data from the XML based schedule.

Serial Number 09/993,480

3. (Currently Amended) The system of claim 2, wherein the ~~system further comprises and an~~ EDI conversion interface ~~for converting data into an EDI based document, and converting the~~ converts parsed data in the XML based schedule into the EDI based document.

4. (Currently Amended) The system of claim ~~3~~ 1, wherein in response to the regular receiving of the XML based schedule in the product manufacturer from each original equipment manufacturer ~~a~~ the central processing unit in ~~a computer of~~ the computer system of the product manufacturer is commanded by the management system to perform the steps of:

reading XML based forecast schedules sent form the computer of each original equipment manufacturer;

causing the XML parser interface to parse ~~parsing~~ the XML based forecast schedules based on an XML syntax and a related nested structure rule contained in the XML parser interface;

analyzing the XML based forecast schedule for determining whether it complies with the XML syntax and the nested structure rule;

searching a pair of markups of an element in the XML based forecast schedule and reading text and data enclosed by the pari of markups if a result of the analysis step is positive;

causing the EDI conversion interface to convert ~~the~~ read text and data into the EDI based document based on ~~the rule~~ rules contained in the EDI conversion interface; and

storing the EDI based document in the database for ~~integrating~~ integration with the stored EDI based documents therein.

5. (Amended) The system of claim 4, wherein the computer system of the product manufacturer is further comprising displaying ~~arranged to display~~ an error message and ~~creating~~ create a packet for requesting ~~the~~ a computer of the original equipment manufacturer to send the XML based forecast schedules again if the result of the analysis step is negative.